

Item 7c. Electricity Sold or Transferred. Enter the quantity of electric energy, which was also included in Items 7a and 7b, but which was sold to other companies or transferred to other establishments of your company.

Item 8. Water Intake in 1963. If you do not have exact records of the total quantity of water intake at this establishment, estimate the amount on the basis of the approximate number of gallons for a typical working day and the number of days which your establishment was operated during 1963. Include only primary intake from natural sources; do not include recirculation.

Item 9. Fuels Consumed in 1963. Report fuels purchased from other companies or transferred from other establishments of your company. The total cost in Item 9 should agree with Item 5c,

If your gas is billed in therms, convert as follows:  
For natural gas: 1,000 therms equal 1 cubic foot.  
For manufactured gas: 600 therms equal 1 cubic foot.

Item 9d. Gasoline. Include gasoline used in automotive equipment such as reported in Item 10.

Item 10. Horsepower Rating of Power Equipment. Report the total horsepower rating (as indicated on nameplates) of all stationary and mobile equipment in use or available for use at the end of 1963. If more than one rating is shown, report brake horsepower, if available.

Include all owned, leased, or rented equipment in use, held for emergency or standby use or temporarily idle (awaiting repairs, installations, etc.) at the mine or plant. Exclude junk.

If book or other records are not available, reasonable estimates are acceptable.

Item 10a. Internal Combustion Engines and Other Prime Movers. Include all engines and turbines, such as steam engines and turbines, and internal combustion engines (Diesel, gas, gasoline, etc.), hydroturbines, water wheels, and other prime movers. Include equipment driven by storage batteries.

Report the total horsepower of your equipment; do not report the number of engines or motors.

Item 10a(1). In Highway Type Equipment. Report on this line only horsepower for transportation equipment that was licensed for highway operation in the sense that you had purchased license plates or tags for the equipment. All non-

licensed equipment of similar types should be included in Item 10a(2).

Item 10a(2)(a). Driving Generators. Report on this line only equipment for producing your own electricity. The electricity generated by this equipment should be reported in Item 7b. Do not include equipment converting alternating to direct current.

If equipment is rated only on the generator, compute the prime mover horsepower by multiplying the kilowatt rating (kw) by 1.34.

Item 10b. Electric Motors. Report the total horsepower of all motors with a rating of one horsepower or more whether driven by purchased electricity or by electricity generated by you.

Item 11. Supplies Used and Minerals for Treatment in 1963. This inquiry calls for a breakdown of the supplies used and ores and concentrates received for treatment at this establishment during 1963 reported in Item 5a of this form. Separate figures are required for each item listed. The total cost in Item 11 column E should agree with the total cost reported in Item 5a.

Column D. -Quantity. Report the quantities actually used in terms of the unit of measure specified in column C. On line 1, report tonnage of crude material or concentrates treated, before removal of refuse and waste.

Column E. — **Delivered Cost.** Report amounts actually paid or payable after discounts, and include freight and direct charges incurred in acquiring the quantities of the listed items during 1963. For supply items transferred from other establishments of this company, report values as described in Section D on page 2 of these Instructions. For crude minerals or concentrates transferred, report the value prior to treatment.

Column F. — **Minerals from this Mine or Plant.** — Include here only the material mined by the mine employees covered by this report or by open-pit contractors mining for your account (for which contract cost is included in Item 5e) and residues from this plant. Do not include in this column material received from other establishments of your company. Such material should be included in columns D and E.

Item 11b. Line 3. Explosive Materials. — Include only explosive material, such as powder. **Exclude** blasting accessories, such as safety fuse, detonator caps and detonating fuse; **exclude** breaking agents such as liquid oxygen and ammonium nitrate mixes. The value of such blasting accessories and breaking agents used should be included in Item 11b, Line 5 "All other supplies."

Item 11b. Line 4. Steel Mill Shapes and Forms. — If records for the tonnage of steel mill shapes and forms used are not available, an estimate is acceptable. For example, this figure may be estimated on the basis of the approximate tonnage of steel used per ton of ore produced.

Item 12A. Products and Services in 1963. — Report separately each product listed; do not combine product lines. Include all products of the establishment which were produced or physically shipped from the establishment during 1963, including material withdrawn from stockpiles. Include products shipped on consignment, whether or not sold at the end of 1963. Include all concentrates produced, whether from ores mined at the establishment, purchased, or received

from other plants of your company, or received for treatment on a custom or toll basis. Include the estimated value of products treated on a custom basis. Include as shipments material produced at this establishment and transferred for treatment or use by your company at other establishments, estimating its approximate value in the manner described in Section D on page 2 of these Instructions. Do not include as crude shipments any crude ore or materials mined at this establishment and also milled or otherwise prepared at this establishment.

For iron and manganese ores (Form MC-10A), report ore merely crushed or screened as direct-shipping ore, and **exclude** it under beneficiating grade ore and under treated ores. Treated iron and manganese ores for shipment to consumers should include fine-size treated ores to be agglomerated by consumer.

Report weights in the unit of measure specified. Long tons should represent 2,240 pounds; short tons should represent 2,000 pounds. Report total values f.o.b. this mine or treatment plant. Include in the selling value royalty, if any, but **exclude** transportation charges to the purchaser or user.

Bonuses and other credits for metals contained should be included in the value of shipments and interplant transfers. Penalties for impurities, such as arsenic, should be **excluded** from the value of shipments.

Items 12B-2Q. (See instructions on form.)

Item 21. Period of Report. — Enter the month and day of the beginning and the end of period your report covers. If a calendar year report: "From January 1 to December 31, 1963;" if a fiscal year, specify which (such as "From December 1, 1962 to November 30, 1963"). If a part-year report is submitted because the establishment was not in operation or under your company's control for the entire year, specify the actual period covered. For example, "January 1, 1963 to August 15, 1963" or "June 1 to December 31, 1963."